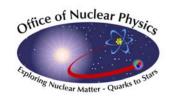
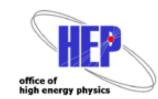




## 2006 RHIC & AGS Annual Users' Meeting June 5-9, 2006

Sam Aronson
Interim Director









#### **Outline**

- Safety
- Lab Initiatives
  - HENP and others context and constraints in a multi-function laboratory
- Summary









# **Safety First**

- Safety is important to us because we don't want our employees and our users, guests and visitors to be injured
- A cluster of recent incidents (after 10<sup>6</sup> hours of DART-free work)
  - Two of these resulted in injuries which turned out not to be life-threatening, but could have been
  - Work stoppages at RHIC and CFN
- Did we go from being a very safe Lab to being a very unsafe Lab?
- We need to look at and learn from what happened
  - Work observation
  - Human performance factors
  - Special issues for safety in the summer at BNL
    - Bikes, ticks, sun/heat









#### **Lab Initiatives**

- Major Initiatives; Unique user facilities BNL's long term future is staked on these
  - Center for Functional Nanomaterials
    - In construction, initial ops 4/07, full ops 4/08
  - NSLS II
    - Seeking CD-1, construction `09-`13, ops `14
  - QCDLab
    - RHIC II CD-0 `07, construction `10-`12, ops `13
    - eRHIC CD-0 `09, construction `12-`16, ops `17
- These are "technical" schedules; much work (by all of us) to make these real
- The FY07 president's budget makes all of this seem more thinkable than it seemed a year ago
  - That budget has done well in the House, but it ain't over...









#### **Lab Initiatives**

- Smaller initiatives, which could grow over time, maybe into major lab activities
- For example
  - Medical imaging
  - Energy for the 21<sup>st</sup> century
  - Computational science
  - Astrophysics & cosmology

**–** ...









### **QCDLab**

- What are the issues?
  - Building the science cases
  - Building consensus in the NP community
  - Building the QCD user communities
  - Building the hardware (the easy part??)









#### **HEP & NP issues for BNL**

- Historical HEP & NP dominance → → more balanced vis à vis BES
- HEP has become an off-site business
  - Home base for US ATLAS, others
  - Niche opportunities @ AGS? (g-2, EDMs, ...)
    - BNL has great prospects for HEP leadership in HEP nationally and internationally
    - We need to understand the role of future onsite HEP facilities in this picture









### Summary

- HENP will continue to be a major and vital component of BNL's mission and user facility portfolio for the foreseeable future
  - Time to recognize reality? HENP → NPP
- We have the opportunity and the need now to secure that future by getting buy-in at all levels for the QCDLab vision

